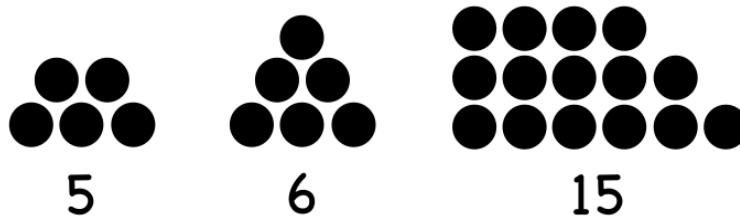


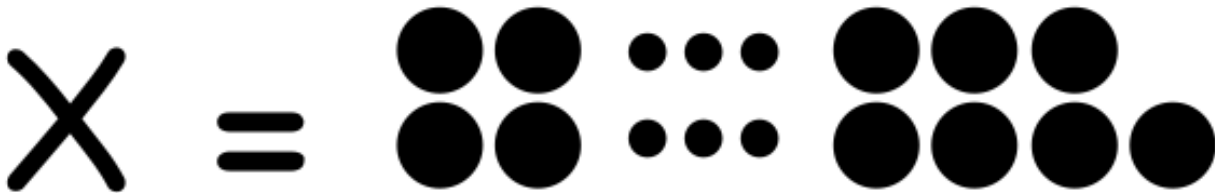
Puzzle of the Week

Trapezoidal Numbers – 3

Trapezoidal Numbers are the sum of two or more consecutive numbers. They deserve their name because you can make a trapezoid with that many dots, as pictured in the examples below. Note that having 1 dot on the top row is stretching the idea of being a trapezoid a bit, but it is allowed for these numbers.



THE CHALLENGE: Which numbers can be expressed as the sum of 2 consecutive numbers?



EXPLORATION: Are there easy ways to describe numbers that can be expressed as the sum of 3 consecutive numbers? 4 numbers? 5 numbers?